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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1 of 3

Complete if Known

Application Number	09/670,054
Filing Date	September 25, 2004
First Named Inventor	Lakkis, Ismail
Group Art Unit	2634
Examiner Name	To Be Assigned

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
JP	AA	5,563,909		Nakazawa	10-08-1996	
JP	AB	5,675,572		Hidejima et al.	10-07-1997	
JP	AC	5,949,813		Hunsinger et al.	10-07-1999	
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		Office ³	Number ⁴	Kind Code ² (if known)				

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JP	AH	AIJANEN, JUSSI et al. "Frame Configuration Impact to the Performance of ULTRA TDD System" University of Jyvaskyla, Dep. of Mathematical Information Technology, pp. 1-5.	
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JP	AJ	BINGHAM, JOHN A.C. "Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come" IEEE Communications Magazine, May 1990, Pages 5-14.	
JP	AK	BLUM, RICK S. et al. "Improved Space – Time Coding for MIMO-OFDM Wireless Communications" IEEE Transactions on Communications, Vol. 49, No. 11, November 2001, pp. 1873-1878.	

Examiner Signature	<i>JM</i>	Date Considered	5/12/05
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Attorney Docket Number 45389.00002.UTL

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JP	AL	CHAUNG, JUSTIN et al. "Beyond 3G: Wideband Wireless Data Access Based on OFDM and Dynamic Packet Assignment" IEEE Communications Magazine, July 2000, pages 78-87.	
JP	AM	CHAUDHURY, PRODIP et al. "The 3GPP Proposal for IMT-2000" IEEE Communications Magazine, December 1999, pages 72-81.	
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Examiner Signature

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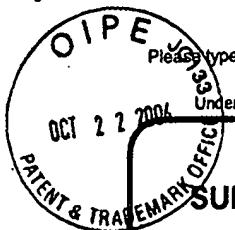
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JP	AV	VANDANAMEELE, PATRICK et al. "A Combined OFDM/SDMS Approach" IEEE Journal on Selected Areas in Communications, November 2000, pp. 1-27.	
JP	AW	WONG, CHEONG YUI et al. "Multiuser OFDM with Adaptive Subcarrier, Bit, and Power Allocation" IEEE Journal on Selected Areas in Communications, Vol. 17, No. 10, October 1999, pp. 1747-1758.	
JP	AX	YE, ZHONG et al. "Throughput Analysis for a Packet Radio Network Using Rate Adaptive OFDM Signaling" IEEE International Conference on Communications, June 1999, pp. 1-7.	

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